

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 06238273 A

(43) Date of publication of application: 30.08.1994

(51) Int. Cl

C02F 1/44

B01D 21/24, B01D 61/14, B01D 63/02, B01D 65/02

(21) Application number: 05027726

(22) Date of filing: 17.02.1993

(71) Applicant: MITSUBISHI RAYON ENG CO LTD

(72) Inventor: AYA HIDENORI

OBA OSAMU

OKADA TATSUJI

KITAURA HIDEKI

(54) MEMBRANE SEPARATION-TYPE WATER PURIFICATION

COPYRIGHT: (C)1994,JPO&Japio

(57) Abstract:

PURPOSE: To provide water purifying method suitable for a simplifier water purifying system.

CONSTITUTION: A membrane separation-type water purifying method comprises the steps of introducing water to be treated into a water taking-in inlet 3 positioned at the middle of a precipitation tank 2; filtering the water to be treated through a hollow yarn membrane module 4 based on the head difference and introducing the treated water into a treated water tank 8, wherein the module 4 is put in an upper position than the water taking-in inlet, hollow yarn membrane of the module 4 is put in a flat plane, and the treated water tank 8 communicates with the precipitation tank 2 and is installed in the lower position than the precipitation tank 2; and taking sludge accumulated in the bottom of the precipitation tank 2 out of a sludge taking-out outlet 5 formed in the bottom of the precipitation tank 2.

